

OPTICAL DISK DEVICE

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Abstract of JP6168451

PURPOSE: To increase amplitude of a signal, to improve resolution and to cope with increasing density by making the polarization direction of a laser beam linearly polarized intersect perpendicularly to the running direction at the time of reproducing a signal recorded with the minimum inversion interval. **CONSTITUTION:** A laser beam 35 for reading linearly polarized for a land 22 in which a pit 2 such as a VFO signal pit and the like is formed being previously formatted is made to run along a pre-group 1. And the polarization direction 38 of the beam 35 is made to intersect perpendicularly to the running direction. Thus, the beam 35 fully enters into the land 22 and can irradiate the pit 2 with full quantity of light making the polarization direction 38 intersect perpendicularly to the running direction of the beam 35. Thereby, amplitude of a signal can be increased, resolution can be improved, increasing density can be coped with.

